

## Tropical Cyclone (TC) 09S (Ebula)\*



First Poor : N/A

First Fair : 0600Z 06 Jan 03

First TCFA : 0330Z 07 Jan 03

First Warning : 0000Z 08 Jan 03

Last Warning : 0000Z 12 Jan 03, Extratropical

Max Intensity : 65 kts, gusts to 80 kts

Landfall : None

Total Warnings : 9

Remarks:

(1) Tropical cyclone (TC) 09S developed approximately 115 nm south of Diego Garcia on 06 January 2003. The cyclone initially drifted poleward and slowly intensified to 35 knots, then increased speed as it intensified to 65 knots on 10 January. TC 09S maintained intensity for 48 hours until a mid-latitude frontal system approached from the southwest and TC 09S began extratropical transition. Once TC 09S linked up with the frontal boundary, it weakened rapidly and tracked to the southeast, completing extratropical transition by 12 January at 0000Z, when the final warning was issued.

\*Named by WMO designated RSMC

# Statistics for JTWC on TC09S

	WRN	BEST TRACK			POSITION ERRORS								WIND ERRORS							
DTG	NO.	LAT	LONG	wind	00	12	24	36	48	72	96	120	00	12	24	36	48	72	96	120
03010612		9.5S	71.8E	25																
03010618		9.9S	71.5E	25																
03010700		10.4S	71.5E	25																
03010706		10.8S	71.2E	25																
03010712		10.9S	70.7E	25																
03010718		11.1S	70.2E	25																
03010800	1	11.6S	70.2E	35	36	76	55	26	29				0	10	0	5	0			
03010812	2	12.9S	70.6E	35	11	53	98	135	143				0	-10	-5	-10	-5			
03010900	3	14.3S	70.8E	50	13	76	90	77	46				0	5	5	15	20			
03010912	4	15.8S	71.3E	55	5	35	62	100	122				-5	-5	5	15	20			
03011000	5	17.7S	70.8E	65	16	59	112	92	88				0	10	5	5	5			
03011012	6	20.1S	70.0E	65	11	24	13	77	190				0	10	10	10	15			
03011100	7	23.3S	69.6E	60	22	44	46	115					0	5	10	15				
03011112	8	26.0S	69.9E	50	16	55	85						0	0	5					
03011200	9	27.5S	71.2E	40	12	41							0	0						
03011206		28.1S	72.0E	35																
03011212		28.4S	73.1E	30																
			AVERAGE		16	51	70	89	103				1	6	6	11	11			
			BIAS										-1	3	4	8	9			
			# CASES		9	9	8	7	6				9	9	8	7	6			

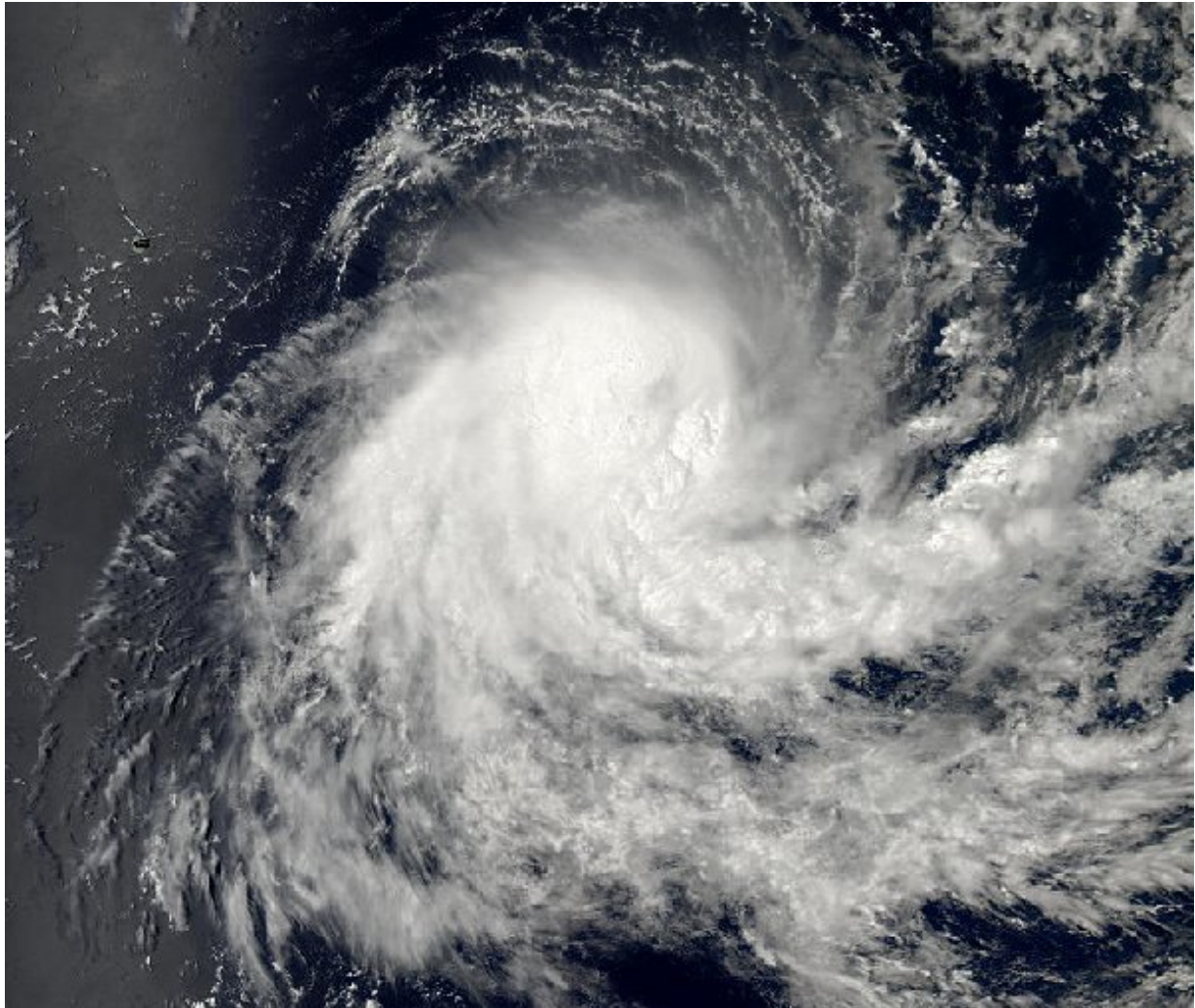


Figure 2-09S-1. 100920Z January 2003 MODIS true-color image of TC 09S (Ebula), located 840nm east of La Reunion, with a maximum intensity of 65 knots.

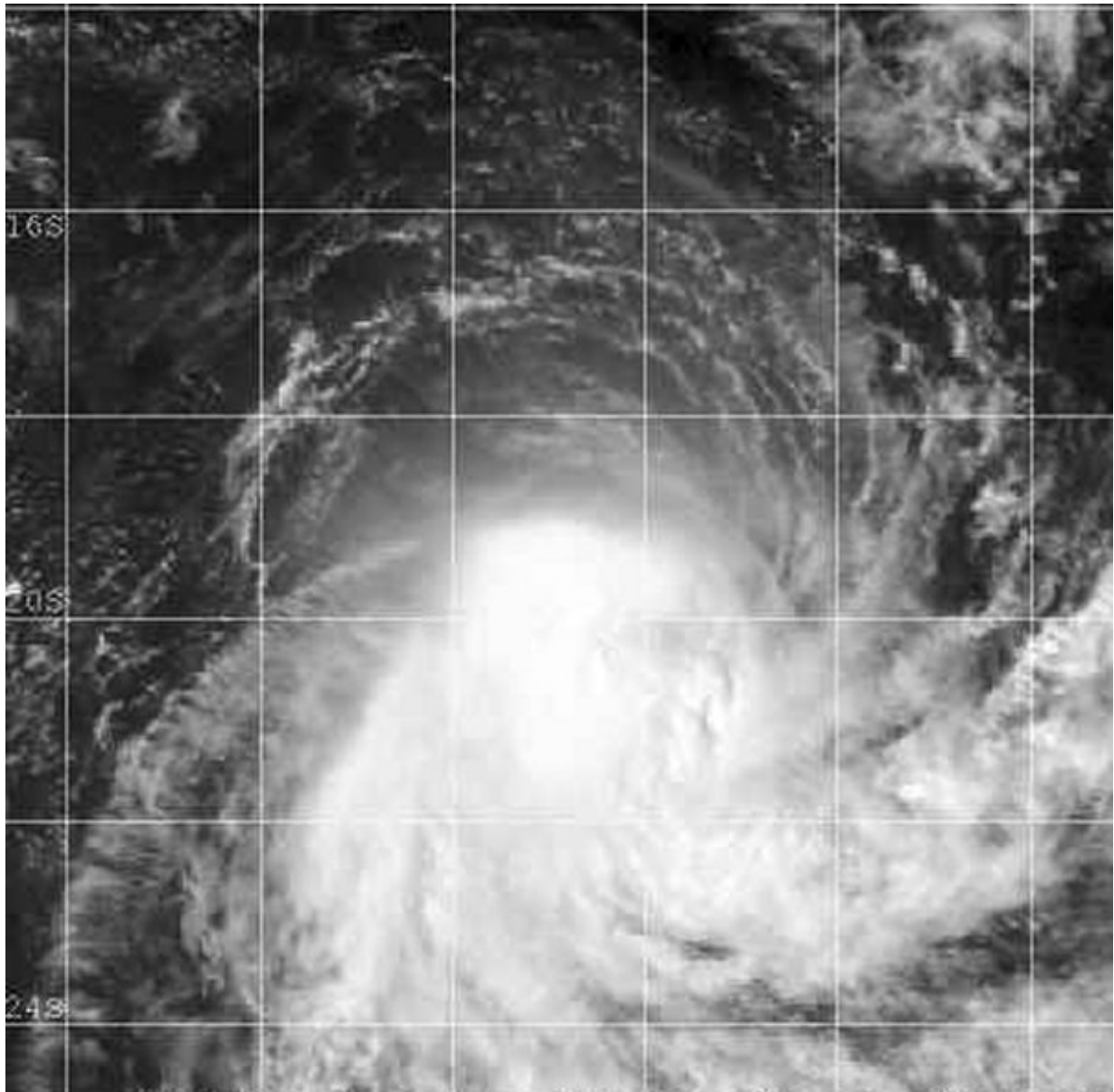
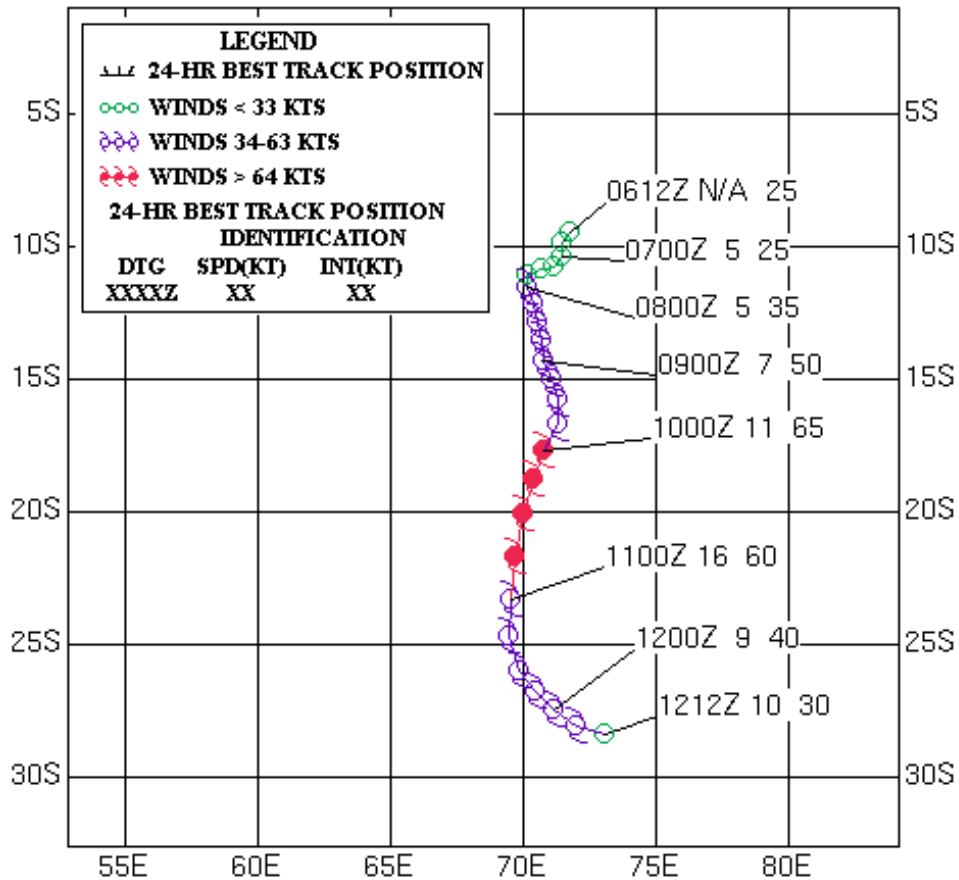


Figure 2-09S-2. 101030Z January 2003 MET-5 visible image of TC 09S (Ebula), 770 nm south of Diego Garcia. The exposed low level circulation center to the north of the deep convection had a peak intensity of 65 knots.

# **TROPICAL CYCLONE 09S (EBULA)** **08-12 JAN 2003**



## Time Intensity for 09S

Intensity (kts)

